

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (canceled):
2. (currently amended): The drift eliminator according to ~~claim 1~~ claim 6, wherein the air passing through the air channels travels in a non-linear path.
3. (original): The drift eliminator according to claim 2, wherein the non-linear path has at least one portion which defines an upward direction.
4. (canceled):
5. (canceled):

6. (previously presented): A drift eliminator comprising:

a first plurality of air channel modules comprising:

a first plurality of sheets having an undulating shape creating a series of alternating peaks and troughs;

a second plurality of sheets having an undulating shape creating a series of alternating peaks and troughs,

wherein the sheets of the first and second pluralities of sheets of the first plurality of air channel modules are alternately stacked, and

wherein the troughs of the sheets in the first and second pluralities of sheets of the first plurality of air channel modules abut each other, thereby creating air channels between the peaks of the first and second pluralities of sheets of the first plurality of air channel modules;

a second plurality of air channel modules comprising:

a first plurality of sheets having an undulating shape creating a series of alternating peaks and troughs;

a second plurality of sheets having an undulating shape creating a series of alternating peaks and troughs,

wherein the sheets of the first and second pluralities of sheets of the second plurality of air channel modules are alternately stacked, and

wherein the troughs of the sheets in the first and second pluralities of sheets of the second plurality of air channel modules abut each other, thereby creating air channels between the peaks of the first and second pluralities of sheets of the second plurality of air channel modules; and

at least one planar sheet positioned between two of the air channel modules in the first plurality of air channel modules,

wherein the drift eliminator is configured to remove at least about 99.99% by volume of entrained water in air, which flows through the air channels, and

wherein a last sheet of the first plurality of air channel modules is nested in a primary sheet of the second plurality of air channel modules so that substantially no gap is formed between the last sheet and the primary sheet.

7. (currently amended): The drift eliminator according to ~~claim 5~~ claim 6, further comprising:

at least one planar sheet positioned between two of the air channel modules in the second plurality of air channel modules.

8. (original): The drift eliminator according to claim 7,

wherein a planar sheet is between each of the air channel modules in the first plurality of air channel modules, and

wherein a planar sheet is between each of the air channel modules second plurality of air channel modules.

9. (previously presented): A drift eliminator comprising:

a first plurality of air channel modules comprising:

a first plurality of sheets having an undulating shape creating a series of alternating peaks and troughs;

a second plurality of sheets having an undulating shape creating a series of alternating peaks and troughs,

wherein the sheets of the first and second pluralities of sheets of the first plurality of air channel modules are alternately stacked,

wherein a planar sheet is between each of the air channel modules in the first plurality of air channel modules, and

wherein the troughs of the sheets in the first and second pluralities of sheets of the first plurality of air channel modules abut each other, thereby creating air channels between the peaks of the first and second pluralities of sheets of the first plurality of air channel modules;

a second plurality of air channel modules comprising:

a first plurality of sheets having an undulating shape creating a series of alternating peaks and troughs;

a second plurality of sheets having an undulating shape creating a series of alternating peaks and troughs,

wherein the sheets of the first and second pluralities of sheets of the second plurality of air channel modules are alternately stacked,

wherein a planar sheet is between each of the air channel modules second plurality of air channel modules, and

wherein the troughs of the sheets in the first and second pluralities of sheets of the second plurality of air channel modules abut each other, thereby creating air channels between the peaks of the first and second pluralities of sheets of the second plurality of air channel modules,

wherein the drift eliminator is configured to remove at least about 99.99% by volume of entrained water in air, which flows through the air channels, and

wherein a last sheet of the first plurality of air channel modules is nested in a primary sheet of the second plurality of air channel modules so that substantially no gap is formed between the last sheet and the primary sheet.

10. (original): The drift eliminator according to claim 6, wherein the last sheet of the first plurality of air channel modules and the primary sheet of the second plurality of air channel modules are effectively joined without being bonded, glued, sealed, or caulked.

11. (original): The drift eliminator according to claim 10, wherein as a result of the last sheet of the first plurality of air channel modules being nested in the primary sheet of the second plurality of air channel modules, a substantially airtight seal is created between the last sheet of the first plurality of air channels and the primary sheet of the second plurality of air channels, provided that lateral movement of the first and second air channel modules is substantially inhibited.

12. (currently amended): The drift eliminator according to ~~claim 1, wherein the drift eliminator is configured to remove at least about 99.995% by volume of entrained water in air, which flows through the air channels~~ claim 6, wherein the first and second pluralities of air channel modules are formed of a vacuum thermoformed material.

13. (currently amended): The drift eliminator according to ~~claim 1~~ claim 9, wherein the first and second pluralities of air channel modules are formed of a vacuum thermoformed material.

14. (original): An apparatus comprising:

a first plurality of air channel modules comprising:

a first plurality of sheets having an undulating shape creating a series of alternating peaks and troughs;

a second plurality of sheets having an undulating shape creating a series of alternating peaks and troughs,

wherein the sheets of the first and second pluralities of sheets of the first plurality of air channel modules are alternately stacked, and wherein the troughs of the sheets in the first and second pluralities of sheets of the first plurality of air channel modules abut each other, thereby creating the air channels between the peaks of the first and second pluralities of sheets of the first plurality of air channel modules; and

a second plurality of air channel modules comprising:

a first plurality of sheets having an undulating shape creating a series of alternating peaks and troughs;

a second plurality of sheets having an undulating shape creating a series of alternating peaks and troughs,

wherein the sheets of the first and second pluralities of sheets of the second plurality of air channel modules are alternately stacked, and wherein the troughs of the sheets in the first and second pluralities of sheets of the second plurality of air channel modules abut each other, thereby creating the air channels between the peaks of the first and second pluralities of sheets of the second plurality of air channel modules,

wherein a last sheet of the first plurality of air channel modules is nested in a primary sheet of the second plurality of air channel modules such that substantially no gap is created between the last sheet and the primary sheet.

15. (original): The apparatus according to claim 14, further comprising:

at least one planar sheet positioned between two of the air channel modules in the first plurality of air channel modules; and

at least one planar sheet positioned between two of the air channel modules in the second plurality of air channel modules.

16. (original): The apparatus according to claim 14,
wherein a planar sheet is between each of the air channel modules in the first plurality
of air channel modules, and
wherein a planar sheet is between each of the air channel modules second plurality of
air channel modules.

17. (original): The apparatus according to claim 14, wherein the air passing through
the air channels travels in a non-linear path.

18. (original): The apparatus according to claim 17, wherein the non-linear path has
at least one portion which defines an upward direction.

19. (previously presented): The apparatus according to claim 14, wherein the
apparatus is configured to remove at least about 99.99% by volume of entrained water in air,
which flows through the air channels in the first and second pluralities of air channel
modules.

20. (previously presented): The apparatus according to claim 19, wherein the
apparatus is configured to remove at least about 99.995% by volume of entrained water in air,
which flows through the air channels in the first and second pluralities of air channel
modules.

21. (original): The apparatus according to claim 14, wherein the air channels are
configured such that substantially no light may pass through the air channels.

22. (previously presented): The apparatus according to claim 14, wherein the first
and second pluralities of air channel modules are formed of a vacuum thermoformed
material.

23. (original): A method of forming an apparatus comprising the steps of:
providing a first plurality of air channel modules, the first plurality of air channel
modules having a last sheet;
providing a second plurality of air channel modules, the second plurality of air
channel modules having a primary sheet; and
nesting the primary sheet in the last sheet such that substantially no gap is created
between the primary sheet and the last sheet, thereby forming an apparatus.

24. (original): The method according to claim 23, further comprising the step of:
inputting water laden air into the apparatus; and
exhausting air from the apparatus,

wherein the exhausted air contains less than about 0.01% of water by volume.

25. (original): The method according to claim 24, wherein the exhausted air contains
less than about 0.005% of water by volume.

26. (original): The method according to claim 23, wherein the first plurality of air
channel modules comprises a plurality of sheets, and wherein the method further comprises
the steps of:

thermoforming the plurality of sheets of the first plurality of air channels; or
vacuum-forming the plurality of sheets of the first plurality of air channels.

27. (original): The method according to claim 26, wherein the second plurality of air
channel modules comprises a plurality of sheets, and wherein the method further comprises
the steps of:

thermoforming the plurality of sheets of the second plurality of air channels; or
vacuum-forming the plurality of sheets of the second plurality of air channels.

28. (original): The method according to claim 23, wherein the apparatus is
configured to be a drift eliminator or a light trap.

29. (original): A method comprising the steps of:
providing a first plurality of air channel modules, the first plurality of air channel modules having a last sheet;
providing a second plurality of air channel modules, the second plurality of air channel modules having primary sheet;
nesting the primary sheet in the last sheet such that substantially no gap is created between the primary sheet and the last sheet, thereby forming a drift eliminator;
inputting water laden air through the drift eliminator; and
exhausting air from the apparatus,
wherein the exhausted air contains less than about 0.01% of water by volume.

30. (original): The method according to claim 29, wherein the exhausted air contains less than about 0.005% of water by volume.

31. (currently amended): The apparatus according to claim 14, wherein the apparatus is configured to be a drift eliminator or a light trap ~~A light trap comprising:~~
~~at least two air channel modules each comprising a plurality of sheets comprising at least a first sheet, a second sheet, and a third sheet,~~
~~wherein each of the sheets comprises a series of troughs and peaks,~~
~~wherein the sheets are arranged such that the troughs of the first sheet abut the troughs of the second sheet and the peaks of the second sheet abut the peaks of the third sheet, to create a plurality of air channels, and~~
~~wherein the sheets are formed such that a last sheet of a first air channel module is configured to be nested in a primary sheet of a second air channel module so that substantially no light may pass between the sheets or through the air channels.~~

32. (currently amended): The apparatus light trap according to claim 31, wherein each of the air channels of the first and second pluralities of air channel modules comprises at least three turns or at least four turns.

33. (currently amended): The apparatus light trap according to claim 31, wherein the first and second pluralities of air channel modules are formed of a vacuum thermoformed material.

34. (currently amended): The apparatus ~~light trap~~ according to claim 31, wherein the light trap is configured to be used in a chicken house.